

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

ATTORNEYS AT LAW

1100 NEW YORK AVENUE, N.W. • WASHINGTON, D.C. 20005-3934

PHONE: (202) 371-2600 • FACSIMILE (202) 371-2540 • www.skpf.com

#3  
DUPLICATE

ROBERT GREENE STERNE  
EDWARD J. KESSLER  
JORGE A. GOLDSTEIN  
SAMUEL L. FOX\*\*  
DAVID K.S. CORNWELL  
ROBERT W. ESMOND  
TRACY-GENE G. DURKIN  
MICHELE A. CIMBALA  
MICHAEL B. RAY  
ROBERT E. SOKOHL  
ERIC K. STEFFE  
MICHAEL Q. LEE  
STEVEN R. LUDWIG

JOHN M. COVERT  
LINDA E. ALCORN  
ROBERT C. MILLONIG  
MICHAEL V. MESSINGER  
JUDITH U. KIM  
TIMOTHY J. SHEA, JR.  
DONALD R. MCPHAIL  
PATRICK E. GARRETT  
JEFFREY T. HELVEY\*  
HEIDI L. KRAUS  
JEFFREY R. KURIN  
RAYMOND MILLIEN  
PATRICK D. O'BRIEN

LAWRENCE B. BUGAISKY  
CRYSTAL D. SAYLES  
EDWARD W. YEE  
ALBERT L. FERRO\*  
DONALD R. BANOWIT  
PETER A. JACKMAN  
MOLLY A. MCCALL  
TERESA U. MEDLER  
JEFFREY S. WEAVER  
KRISTIN K. VIDOVICH  
KENDRICK P. PATTERSON  
DONALD J. FEATHERSTONE  
GRANT E. REED

VINCENT L. CAPUANO  
JOHN A. HARROUN\*  
ALBERT J. FASULO II\*  
ELDORA ELLISON FLOYD\*  
W. RUSSELL SWINDELL  
THOMAS C. FIALA  
BRIAN J. DEL BUONO\*  
VIRGIL L. BEASTON\*  
RYAN J. STAMPER\*  
KAREN R. MARKOWICZ\*\*  
SUZANNE E. ZISKA\*\*  
ANDREA J. KAMAGE\*\*  
NANCY J. LEITH\*\*

ELIZABETH J. HAANES\*\*  
MARK P. TERRY\*\*  
JOSEPH M. CONRAD, III\*\*  
DOUGLAS M. WILSON\*\*  
REGINALD D. LUCAS\*\*  
ANN E. SUMMERFIELD\*\*  
CYNTHIA M. BOUCHEZ\*\*  
HELENE C. CARLSON\*\*  
BRUCE E. CHALKER\*\*  
DUSTIN T. JOHNSON\*\*  
MATTHEW J. DOWD\*\*

\*LIMITED TO MATTERS  
AND PROCEEDINGS BEFORE  
FEDERAL COURTS & AGENCIES  
\*\*REGISTERED PATENT AGENT  
\*\*\*SENIOR COUNSEL

WRITER'S DIRECT NUMBER:

(202) 312-7261

INTERNET ADDRESS:

AFASULO@SKGF.COM

July 23, 2001



Commissioner for Patents  
Washington, D.C. 20231

Box Missing Parts

Re: U.S. Utility Patent Application  
Appl. No. 09/778,843; Filed: February 8, 2001  
For: **Method and System For Reducing Potential Interference  
In An Impulse Radio**  
Inventors: Richards *et al.*  
Our Ref: 1659.0980002

Sir:

The following documents are forwarded herewith for appropriate action by the U.S.  
Patent and Trademark Office:

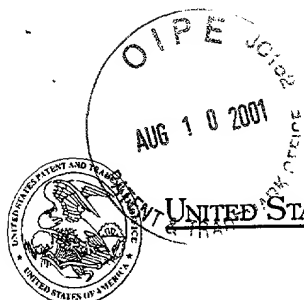
1. Request to Approve Proposed Drawing Corrections in compliance with 37 C.F.R. 1.84(g);
2. 34 sheets of substitute drawings: (Figures 9,10, 11A, 11B, 11C, 11D, 11E, 11F, 11G, 11H, 11I, 12, 13A, 13B, 13C, 14-16, 17A, 17B, 18, 19A, 19B, 19C, 20-25, 26A, 26B, 26C, 27, 28, 31A, 31B, 38, 39A, 39B, 39C, 39D, and 40-42, 44, 46, 47, and 49-52); and
3. One (1) return postcard.

It is respectfully requested that the attached postcards be stamped with the filing date of these documents and returned to our courier.

09778843-01



H9



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/778,843	02/08/2001	James L. Richards	1659.0980002

CONFIRMATION NO. 6162

## FORMALITIES LETTER



\*OC000000006107538\*

26111  
STERNE, KESSLER, GOLDSTEIN & FOX PLLC  
1100 NEW YORK AVENUE, N.W., SUITE 600  
WASHINGTON, DC 20005-3934

Date Mailed: 05/23/2001

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

08/13/2001 SHINASS1 00000043 03779643

FILED UNDER 37 CFR 1.53(b)

01 FC:201 355.00 OP  
02 FC:203 423.00 OP  
03 FC:202 400.00 OP  
04 FC:205 65.00 OP

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 710 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).*
- Total additional claim fee(s) for this application is \$1646.
  - \$846 for 47 total claims over 20.
  - \$800 for 10 independent claims over 3.
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 2486.**

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
  - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. ( 5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

*A copy of this notice MUST be returned with the reply.*



Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

0978643-072301